

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2661

Applicant: Eric A. Jacobsen

Title: SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION  
MULTIPLEXED SIGNALS

Docket No.: 884.427US1

Filed: May 10, 2001

Examiner: Unknown

Serial No.: 09/852376

Due Date: N/A

Group Art Unit: 2661

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



RECEIVED

FEB 23 2004

Technology Center 2600

We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard.
- A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 1 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: Ann M. McCrackin

Atty: Ann M. McCrackin

Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17 day of February, 2004.

Name

KACIA LEE

Signature

Kacia Lee

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

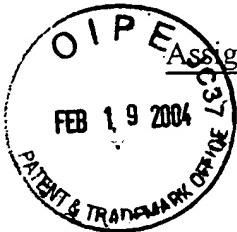
(GENERAL)

S/N 09/852376

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Eric A. Jacobsen	Examiner:	Unknown
Serial No.:	09/852376	Group Art Unit:	Unknown
Filed:	May 10, 2001	Docket:	884.427US1
Title:	SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SIGNALS		
Assignee:	Intel Corporation	Customer No:	21186



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FEB 23 2004

Technology Center 2600

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :09/852376

Filing Date: May 10, 2001

Title: SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SIGNALS

Assignee: Intel Corporation

Page 2

Dkt: 884.427US1 (INTEL)

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ERIC A. JACOBSEN

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, Minnesota 55402  
(612) 349-9592

Date Feb. 16, 2004

By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17 day of February, 2004.

Name

Kacia Lee

Signature

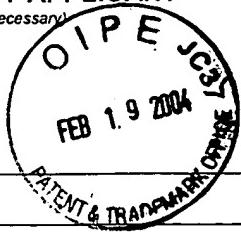
Kacia Lee

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

<b>Application Number</b>	09/852376
<b>Filing Date</b>	May 10, 2001
<b>First Named Inventor</b>	Jacobsen, Eric
<b>Group Art Unit</b>	2661
<b>Examiner Name</b>	Unknown

Attorney Docket No: 884.427US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,982,327	11/09/1999	Vook, Frederick W., et al.	342	380	01/12/1998

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

**RECEIVED**

FEB 23 2004

Technology Center 2600

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached